

FIG. 1

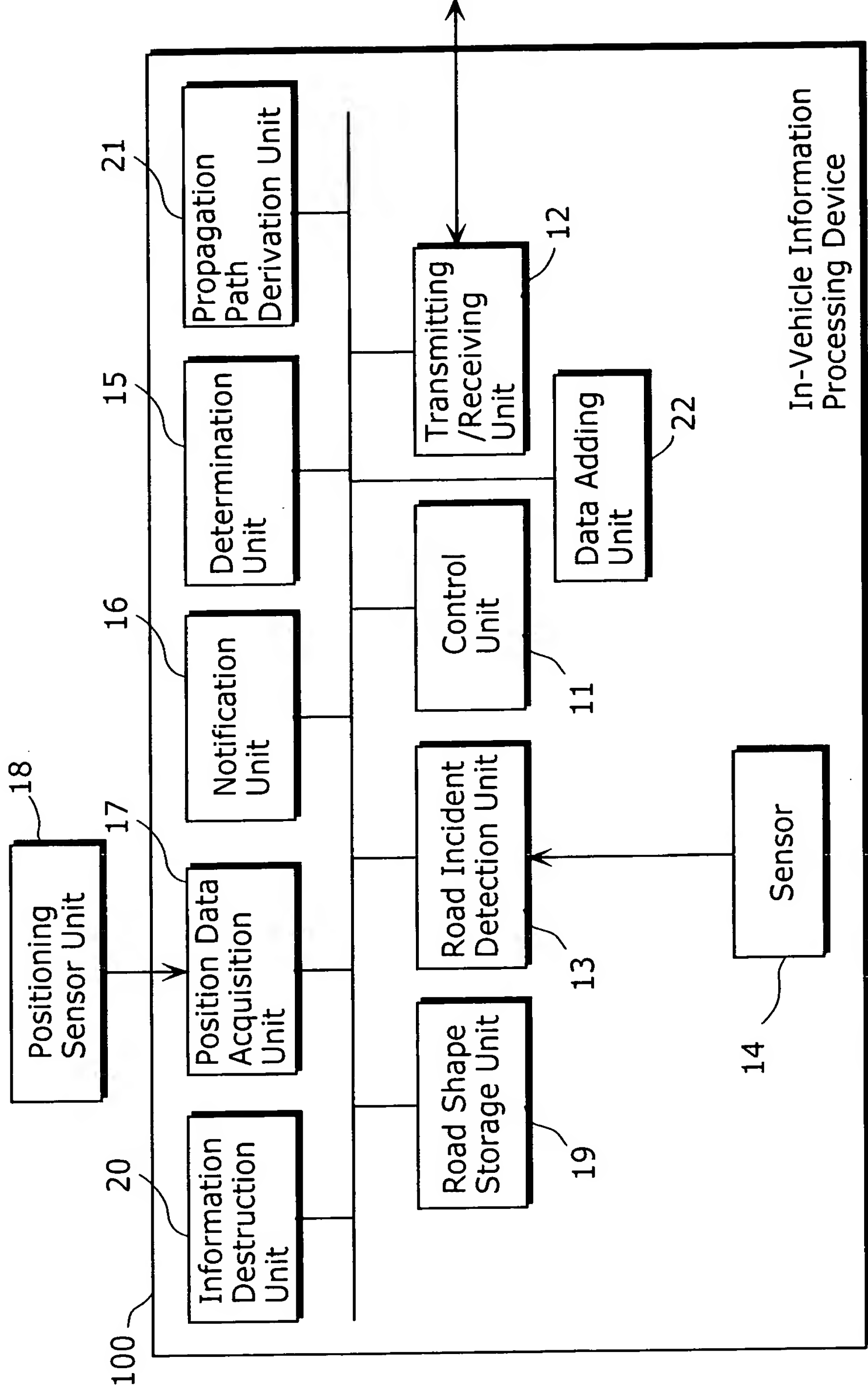


FIG. 2

| No. | Road Incident | Sensor |
|-----|--|--|
| 001 | Congestion | Distance Measurement Sensor, Vehicle Speed Sensor |
| 002 | Congestion Clears | Distance Measurement Sensor, Vehicle Speed Sensor |
| 003 | Accident | Airbag, Emergency Button |
| 004 | Breakdown | ECU |
| 005 | Poor Conditions of Road Surface | ABS, Camera |
| 006 | Poor Weather | Camera, Wiper, Fog Lamp |
| 007 | Falling Object | Camera, Blinker, Wheel Sensor |
| 008 | Trouble in Tire | Pneumatic sensor |
| 009 | Lane Closure Ahead (Move to the Right) | Blinker, Wheel Sensor |
| 010 | Lane Closure Ahead (Move to the Left) | Blinker, Wheel Sensor |
| 011 | Road Narrows Ahead | Map Database, GPS |
| 012 | Stop Ahead | Brake, Map Database |
| 013 | Toll Booth Ahead | Electronic Fee Collection (ETC) Receiver, Map Database |
| 014 | Accident-Prone Area Ahead | Map Database, GPS |
| 015 | Driver is Drowsy | Camera, Pulsation Sensor |
| 016 | Hazard | Emergency Button |
| 017 | Danger | Emergency Button |
| ⋮ | ⋮ | ⋮ |

FIG. 3

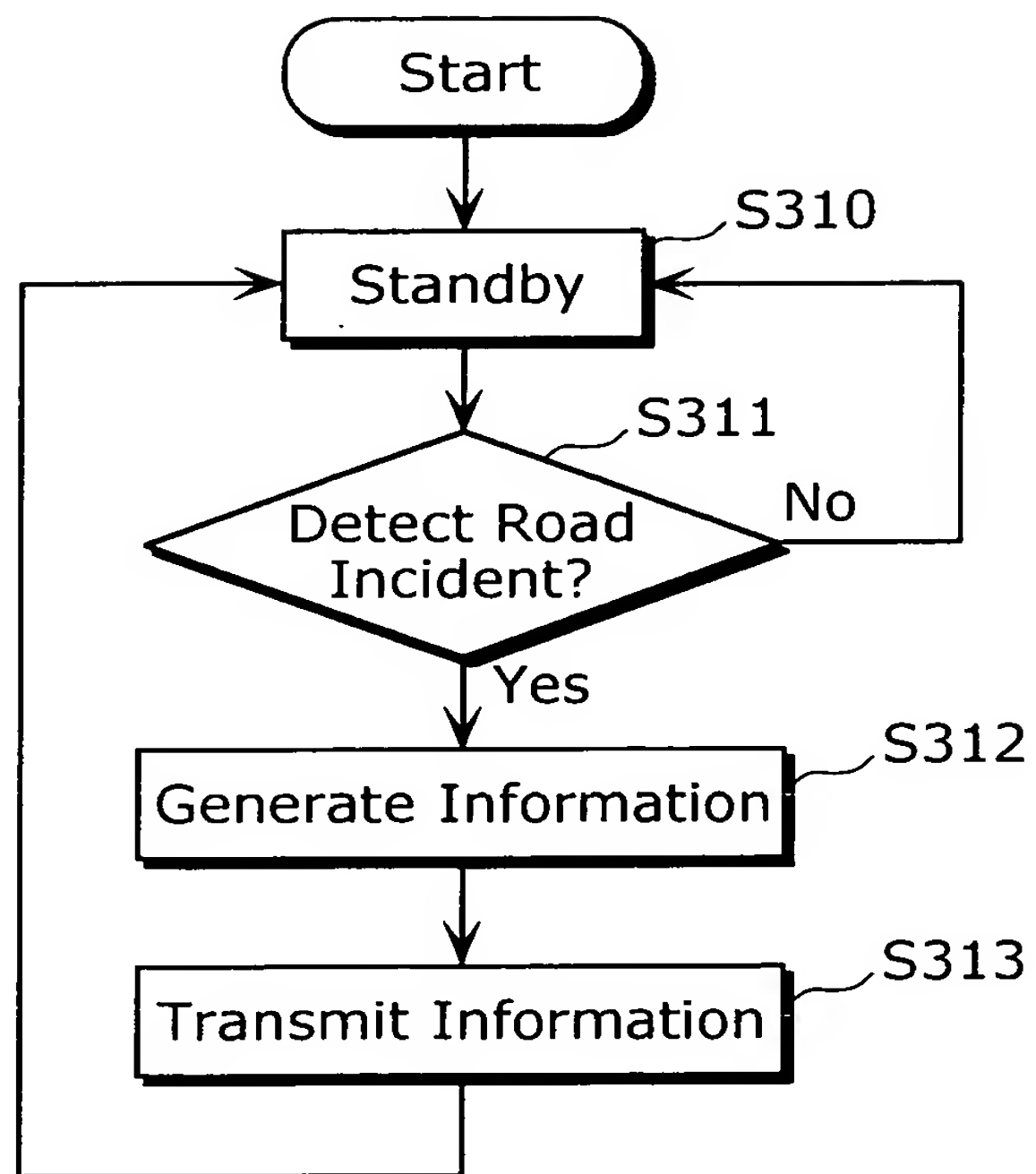


FIG. 4A

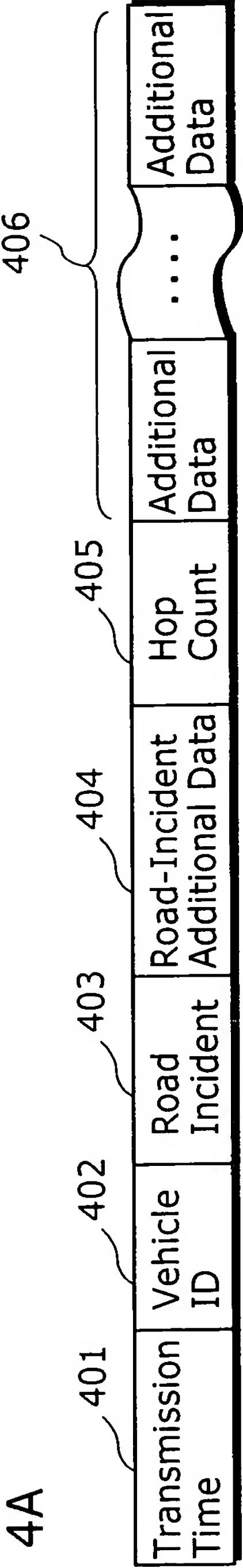


FIG. 4B

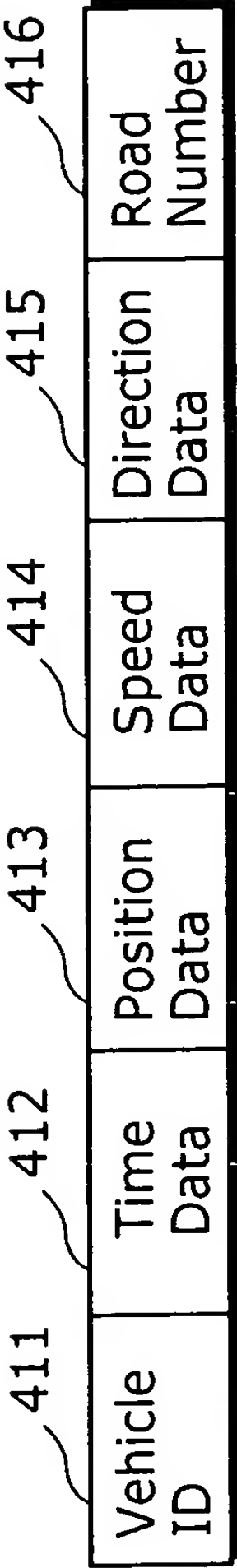


FIG. 5

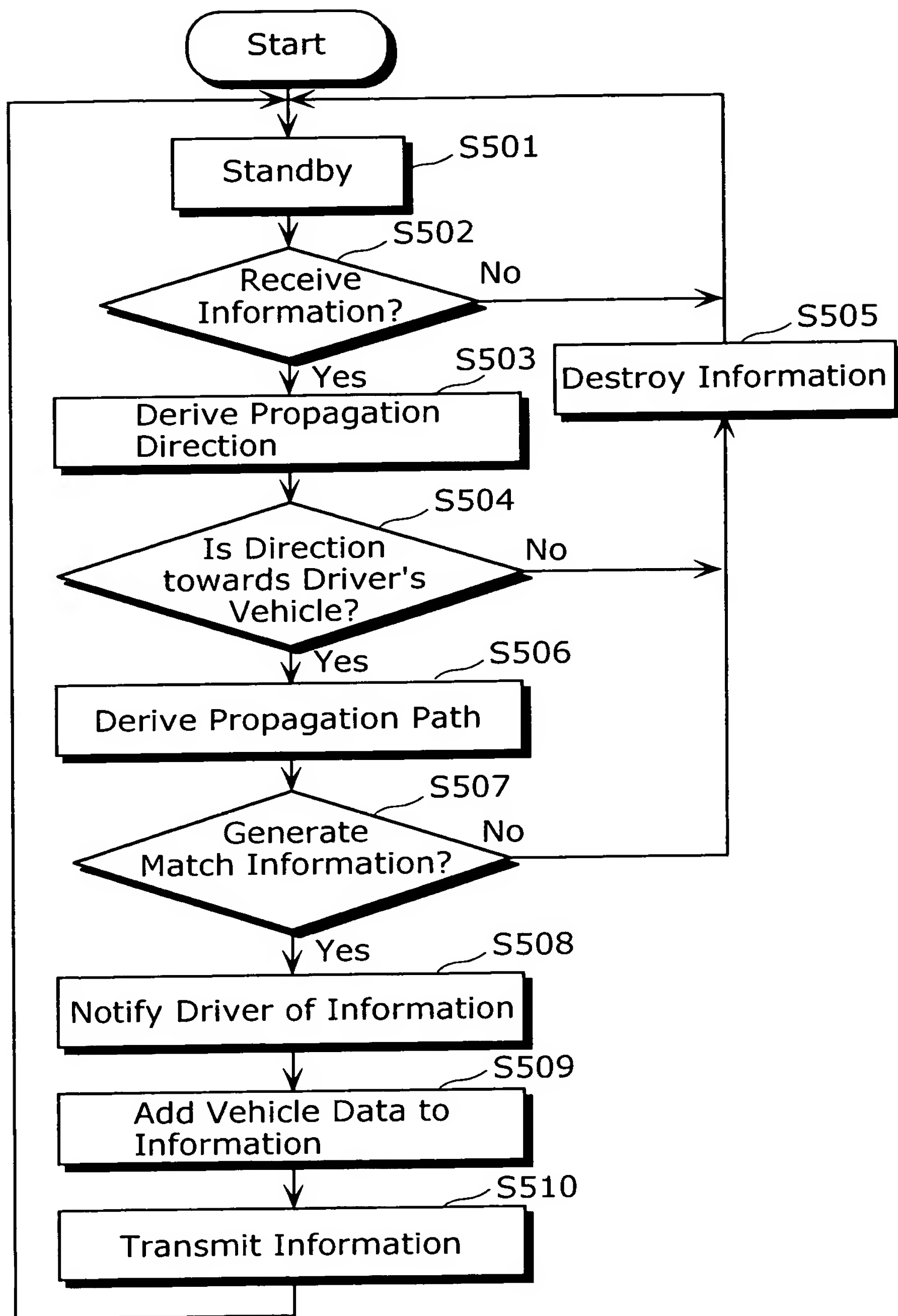


FIG. 6

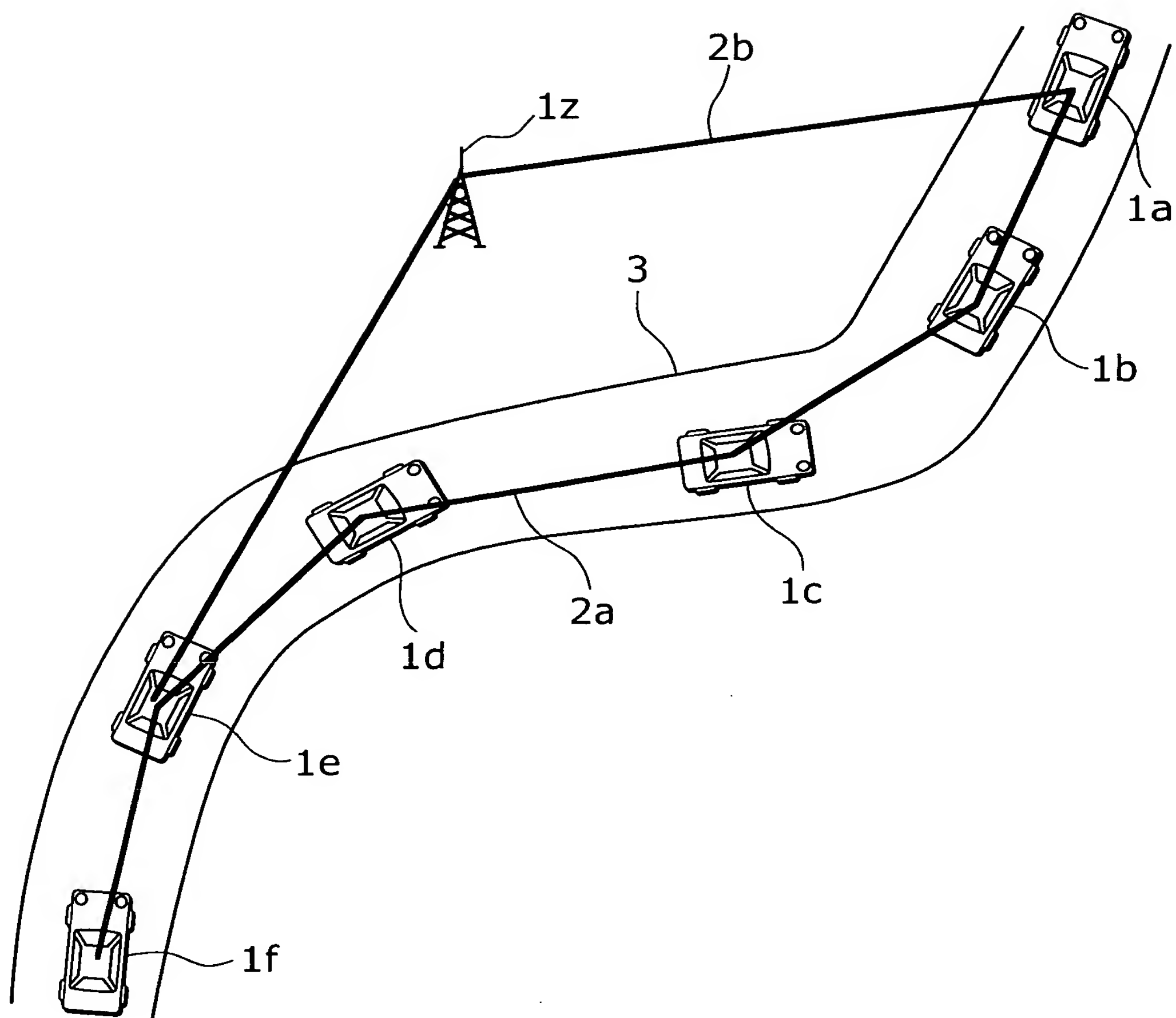


FIG. 7

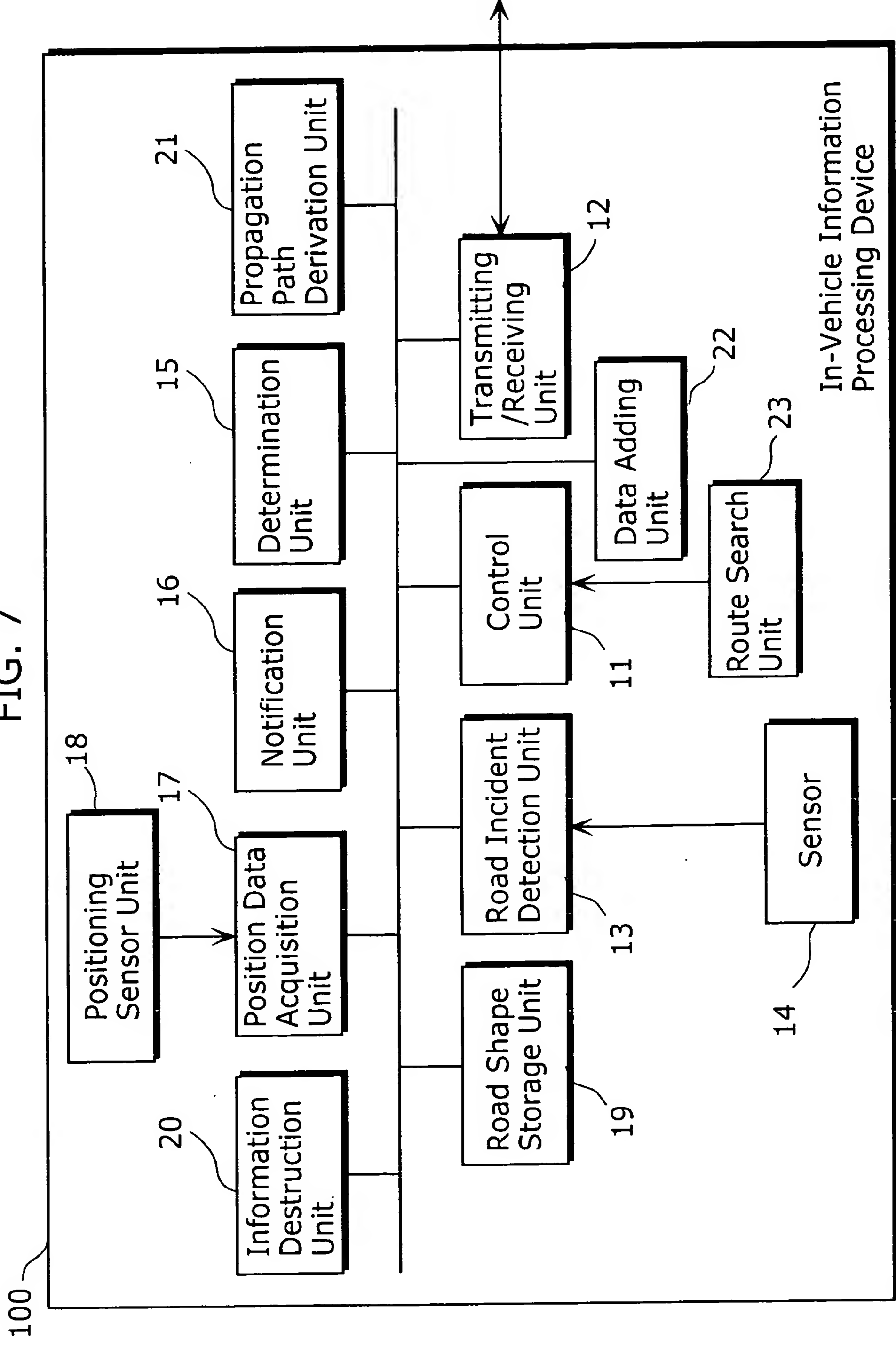


FIG. 8

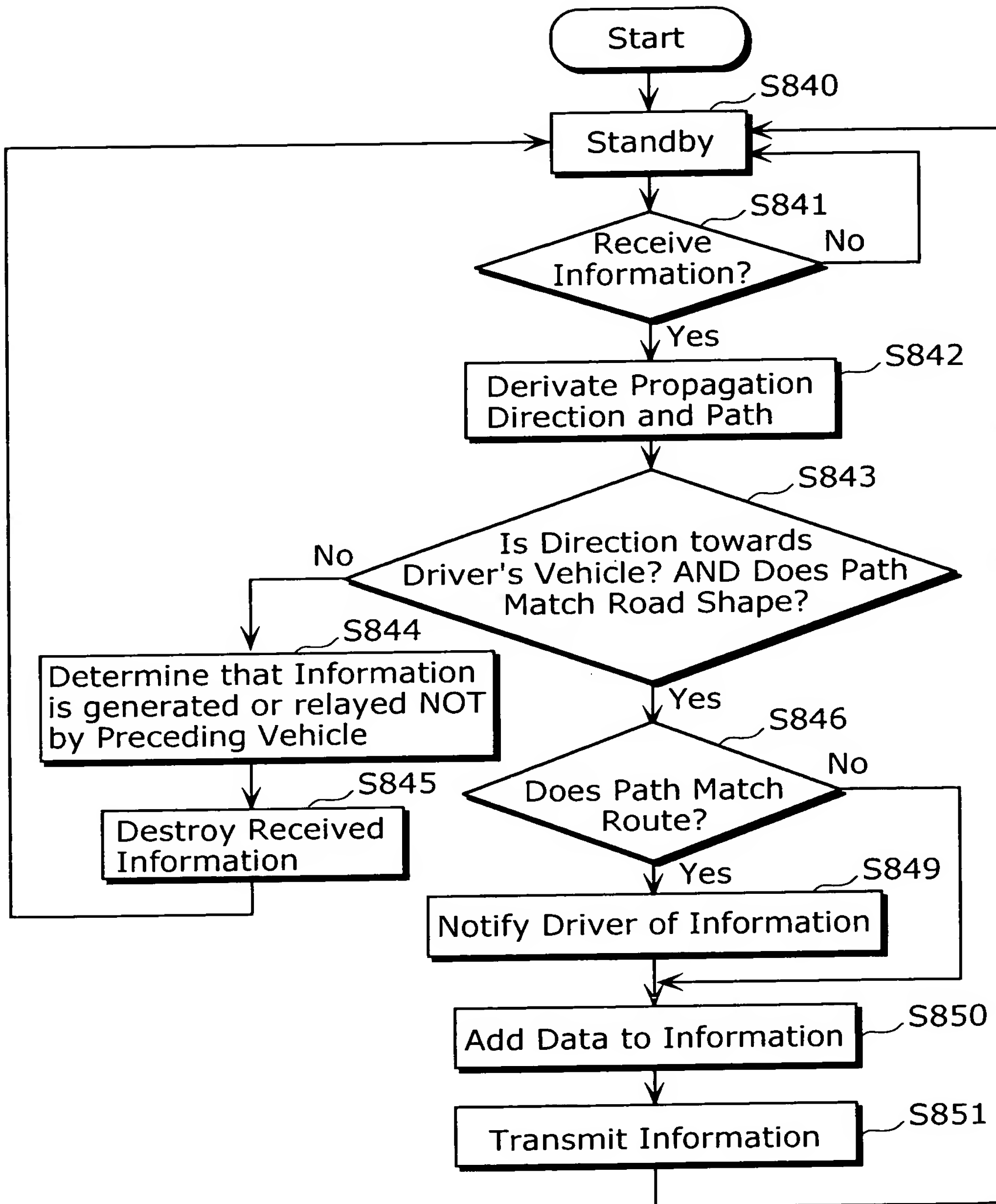


FIG. 9

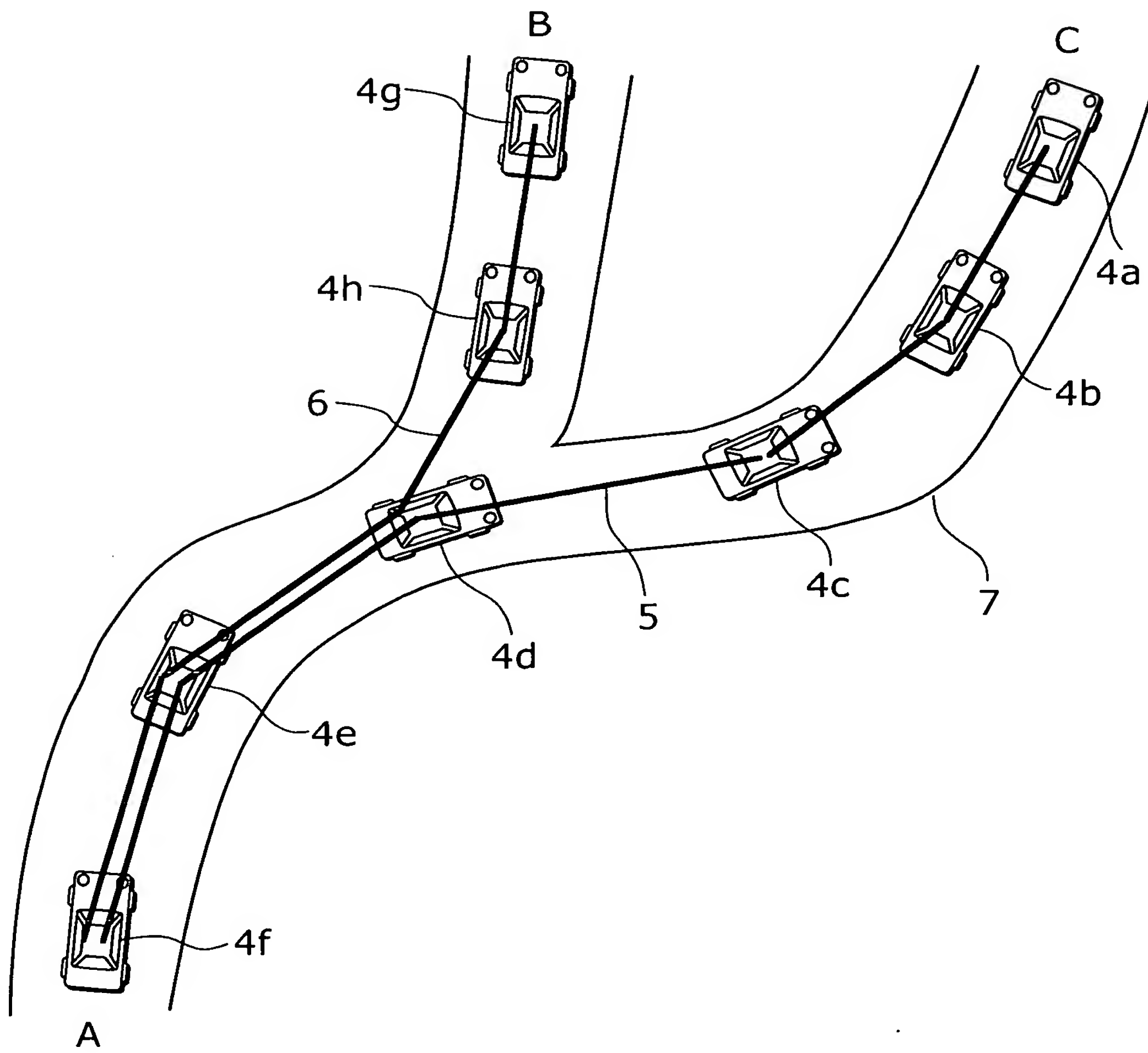
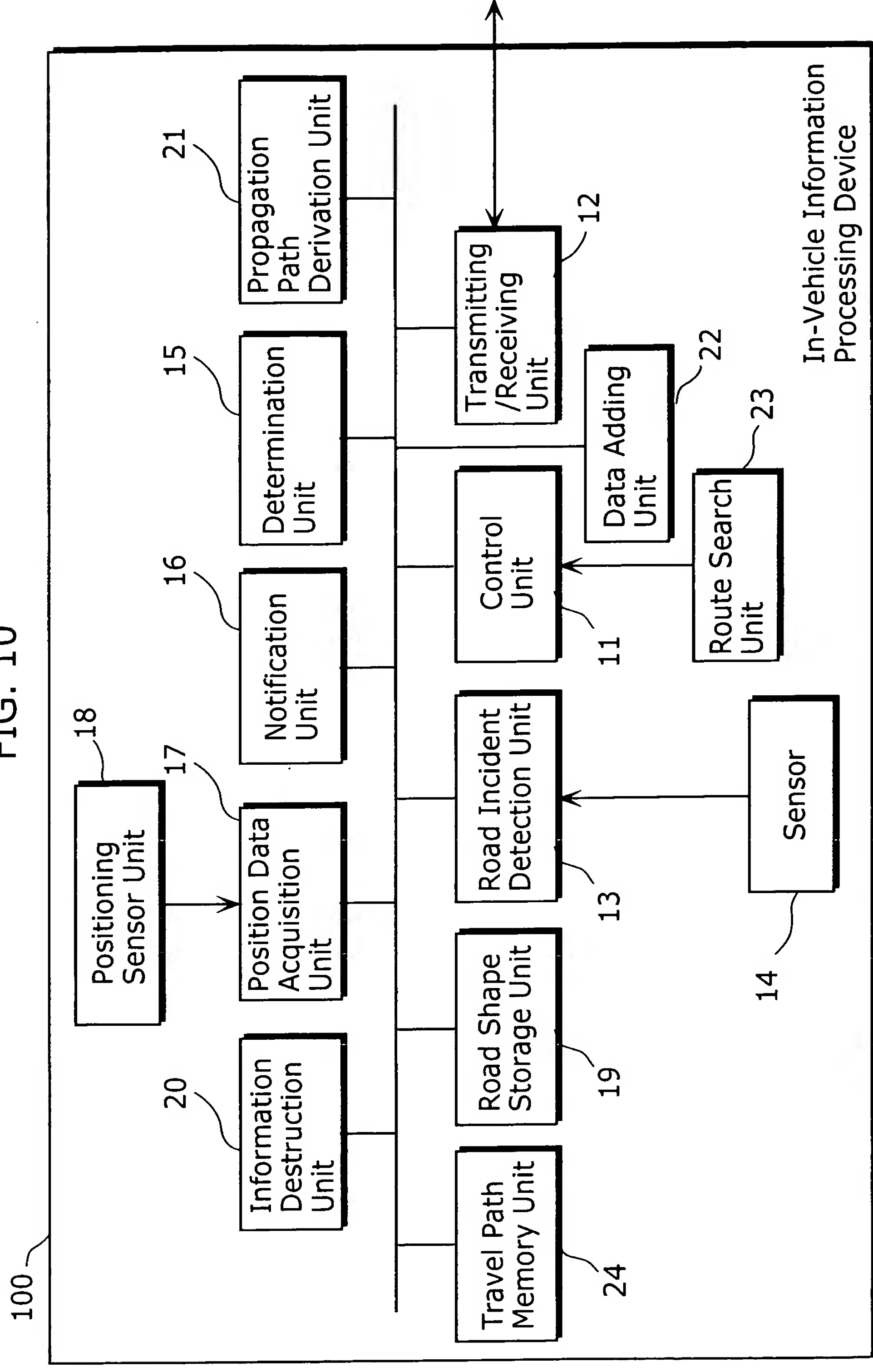


FIG. 10



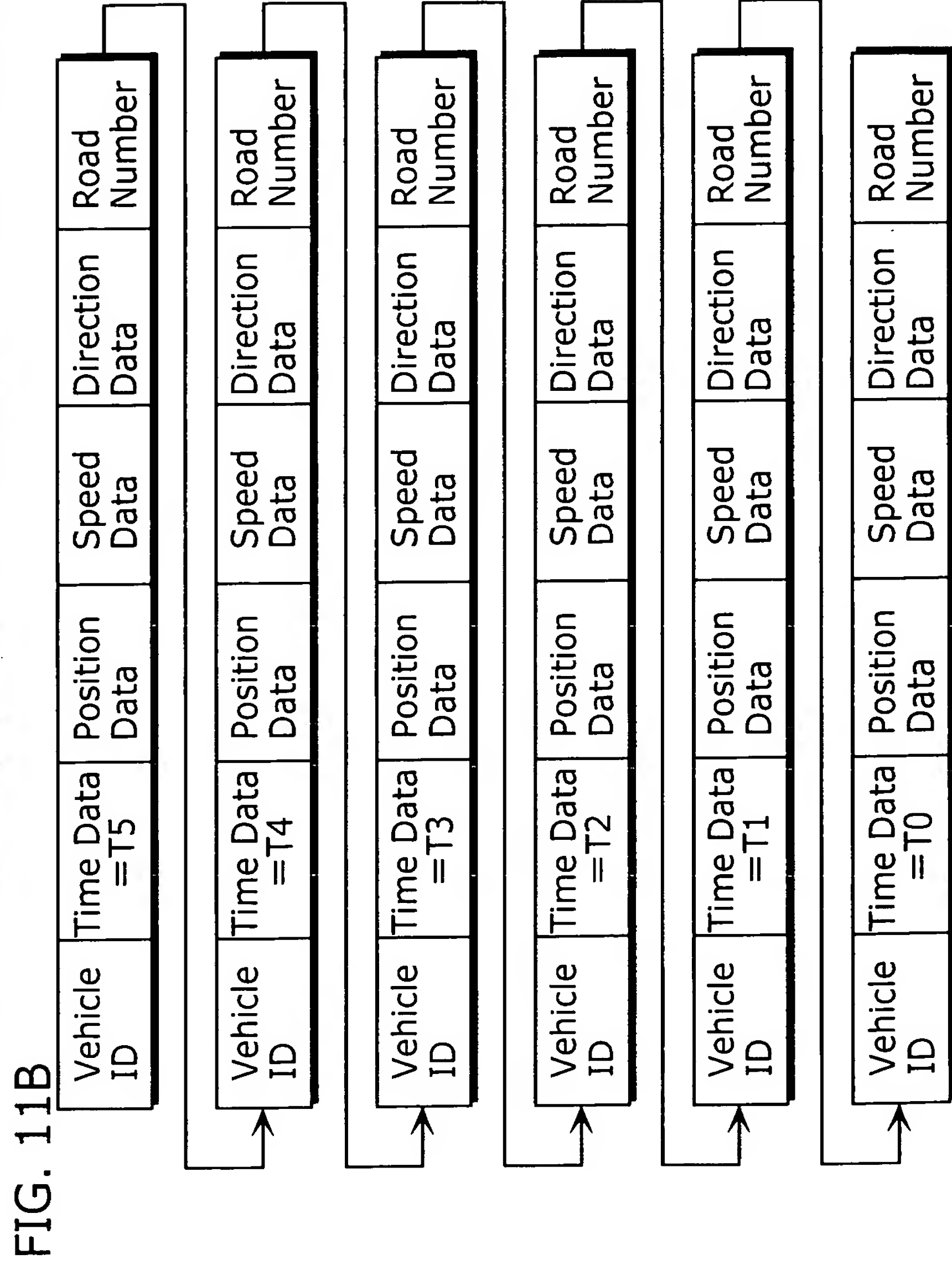
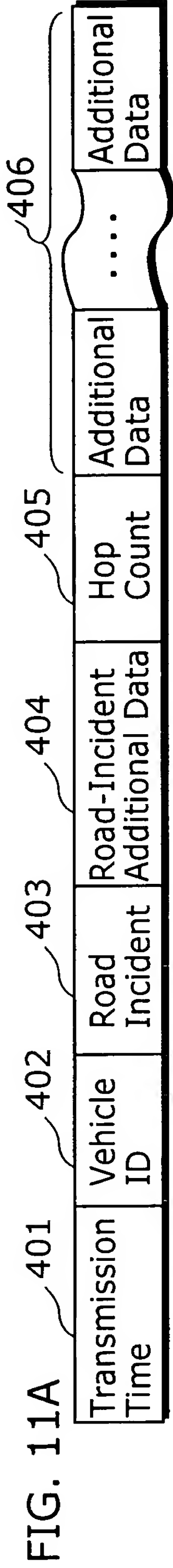


FIG. 12

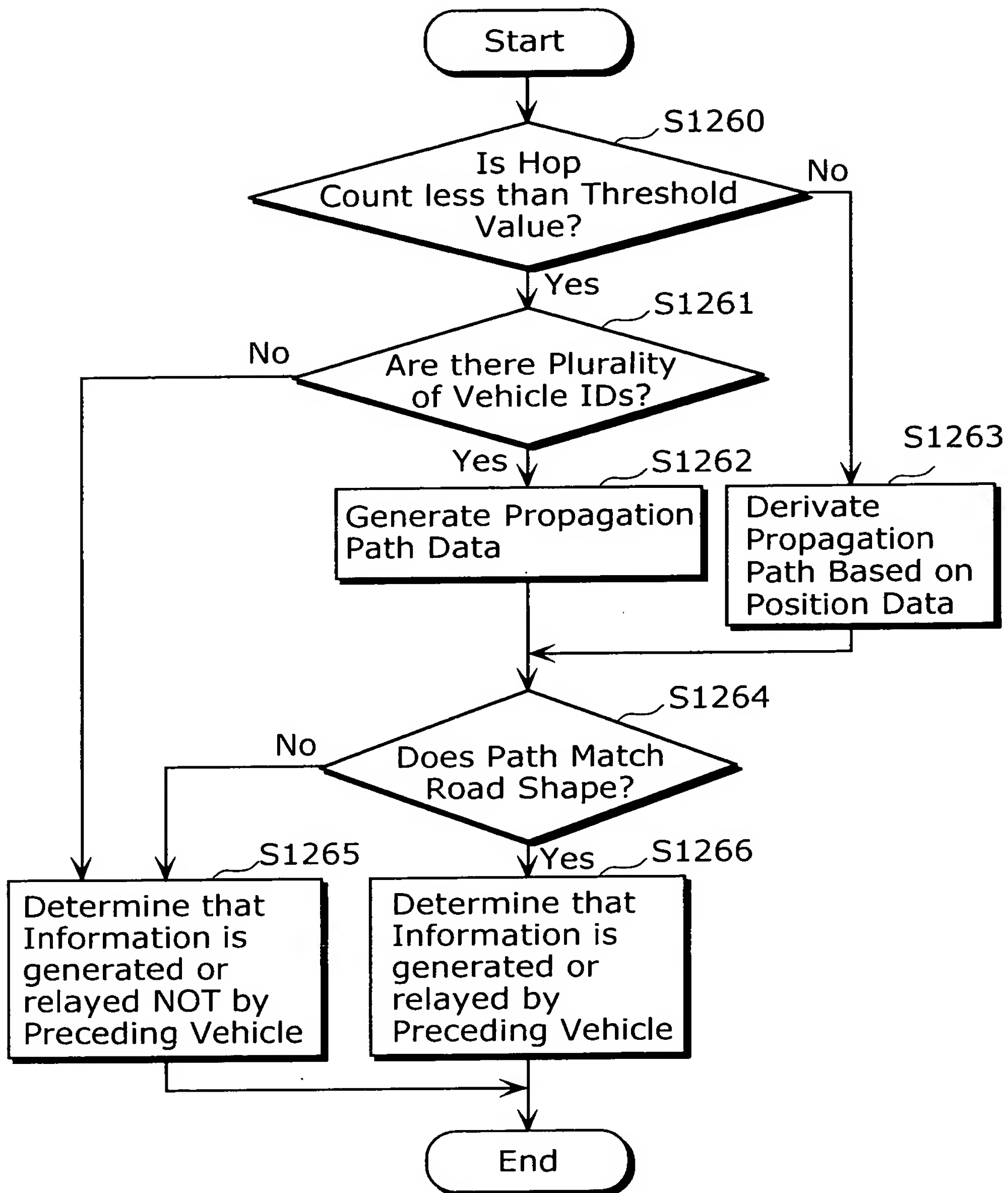


FIG. 13

